## ABSTRACT

A spatial knowledge base approach for the automatic extraction of metadata **116** from

electronic documents **100**. The electronic document **100** is converted to a substantially

5  format invariant data file **104** by an intermediate language conversion element **102**.

Spatial layout facts **108** are extracted and combined with spatial layout rules **114** from a

knowledge engineer **112** in a spatial metadata-reasoning element **110** to provide the

metadata **116**. The invention is based on mimicking the visual and spatial knowledge

that humans make use of when reading a document.

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